

Title (en)

Interference-free control device for a hoist

Title (de)

Störungssichere Steuerungsanordnung für ein Hebezeug

Title (fr)

Dispositif de commande protégé en cas de perturbation pour une installation de levage

Publication

EP 0959396 B1 20080730 (DE)

Application

EP 99108888 A 19990505

Priority

DE 19822288 A 19980518

Abstract (en)

[origin: EP0959396A1] The control arrangement has an input device (13) that outputs electrical signals corresp. to at least three operating states raise, lower and stationary. At least one motor breaker or relay has a control winding (55-58) connecting the motor (8) to a current supply (L1-L3) to operate the motor depending on the signals. A microprocessor has at least one input connected to the input device and at least one output for control signals to the control winding. A fault prevention circuit (24) has at least one output for the control winding, at least one input for a signal from the input device and at least one input for the control signal from the microprocessor (19). It combines the input signals to only operate a control winding if the input device and the microprocessor are generating a signal for the control winding. An Independent claim is also included for an arrangement for implementing the method.

IPC 8 full level

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